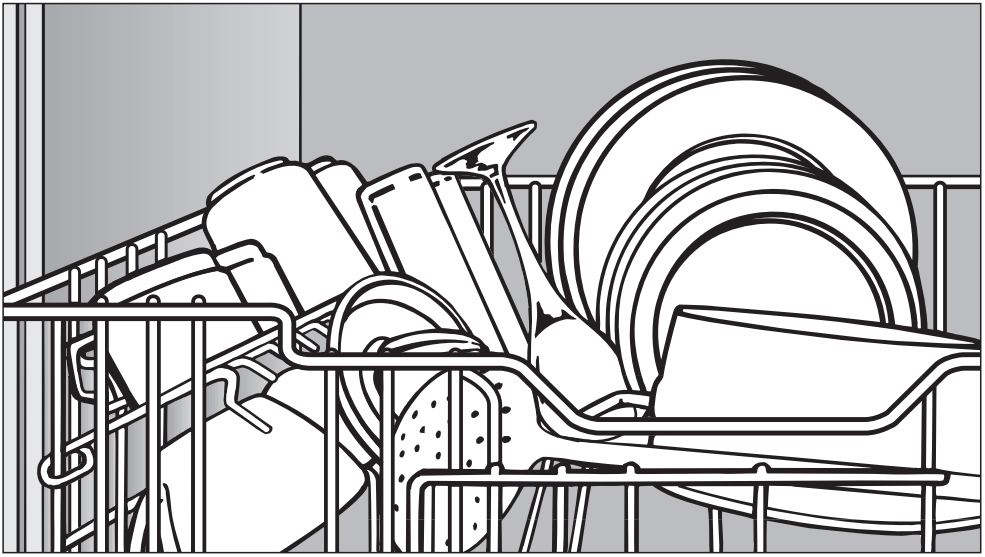
Miele

Operating instructions



G 811 dishwasher

To prevent accidents and machine damage, read the Operating Instructions before installing or using the machine.

HG02

USA CDN

M.-Nr. 05 466 840

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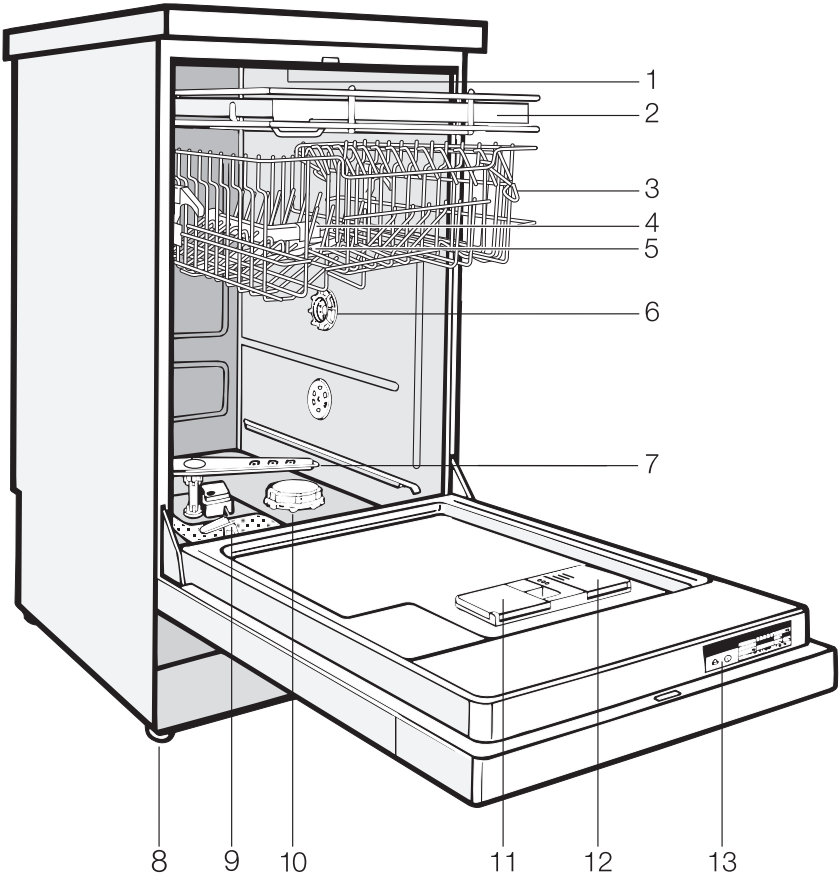
View of the dishwasher



1 Upper spray arm (not visible)

2 Cutlery tray

3 Upper basket

4 Water feed for middle spray arm

5 Middle spray arm

6 Water hardness selector

7 Lower spray arm

8 Four height adjustable feet

9 Filter combination

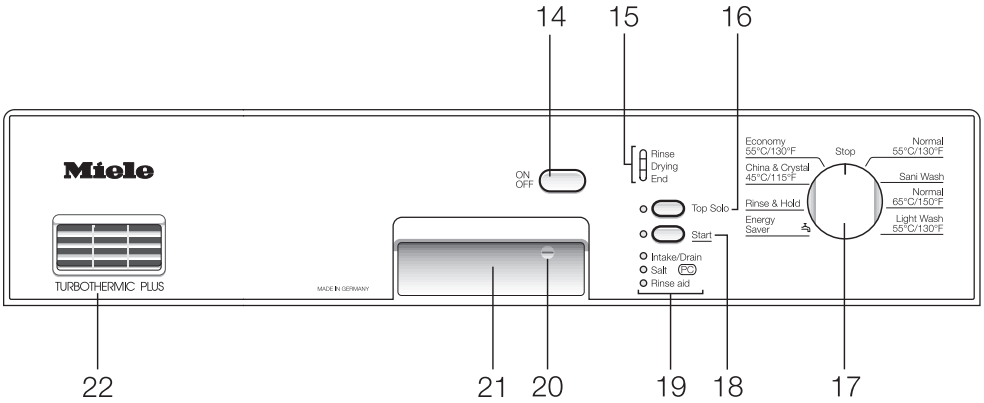
10 Salt reservoir

11 Dual compartment detergent dispenser

12 Rinse aid reservoir (with dosage selector)

13 Data plate

Control panel (facia)



14 “On/Off” button

15 Program sequence display

16 “Top Solo” button

17 Program selector

18 “Start”

19 Check/Refill indicators

20 Child safety lock

21 Door release

22 Vent for drying fan

WARNING

Please follow all basic safety precautions when operating this dishwasher.

This appliance conforms with all uniform safety codes and regulations. To avoid injury and machine damage, read the operating instructions carefully.

The manufacturer cannot be held responsible for damage or injury caused by improper use or for uses other than those for which the appliance is intended.

- Repairs should only be performed by a qualified and competent person. Disconnect the appliance from the power supply before servicing (pull out the plug or “trip” the circuit breaker).
- This dishwasher should only be installed under a continuous countertop secured to adjacent cabinetry.
- The dishwasher must be electrically grounded. Install the dishwasher as outlined in the included Installation instructions.
- Only use detergents and rinse aids recommended for residential dishwashers.
- Do not use the dishwasher unless all panels are in place.
- Do not allow children to play in or on the dishwasher.
- Keep all detergents and rinse aids out of the reach of children.
- Dishwasher detergents contain Sodium Silicate and Sodium Carbonate. In case of eye contact, immediately flush with water.
Call a physician or poison control.
- Do not tamper with the controls.
- Do not drink water from the dishwasher.

When loading dishes and cutlery:
– Place sharp items away from the door seal to prevent damaging the seal.
– Load knives pointing down to prevent injuries.

Do not wash plastic items unless they are labeled “dishwasher safe”. For items not labeled, check the manufacturer’s recommendations.

Do not abuse, sit, or stand on the door or baskets of the dishwasher.

When disposing of a dishwasher, unplug it from the outlet, remove the front door and cut off the power cord. This will help protect children from injury and accidentally locking themselves in.

Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for two weeks or more. HYDROGEN GAS IS EXPLOSIVE. If the hot water system has not been used for such a period, turn on all hot water faucets and let the water flow from each for several minutes before using the dishwasher. This will release any accumulated hydrogen gas. Do not smoke or use an open flame during this time.

SAVE THESE INSTRUCTIONS

AVERTISSEMENT

Au moment d'utiliser votre lave-vaisselle, veuillez observer toutes les mesures de sécurité de base.

Cet appareil électroménager est conforme à tous les règlements et codes sur la sécurité. Pour éviter de vous blesser et d'endommager l'appareil, veuillez lire soigneusement les instructions sur l'utilisation.

Le fabricant ne peut être tenu responsable des dommages ou blessures causés par une utilisation inadéquate ou par des utilisations autres que celles auxquelles l'appareil est destiné.

- Les réparations doivent être effectuées uniquement par une personne compétente. Débrancher l'appareil de la prise de courant avant d'en faire l'entretien (enlever la fiche de la prise ou fermer le disjoncteur).
- Installer uniquement ce lave-vaisselle sous un comptoir continu qui est fixé à des meubles adjacents.
- Vous devez mettre le lave-vaisselle à la terre. Installer le lave-vaisselle en observant les instructions pour l'installation ci-jointes.
- Utiliser uniquement des détersifs et des produits de rinçage recommandés pour les lave-vaisselle domestiques.
- Ne pas utiliser le lave-vaisselle à moins que tous les panneaux soient bien en place.
- Ne pas permettre aux enfants de jouer dans ou sur le lave-vaisselle.
- Ranger tous les détersifs et produits de rinçage hors de la portée des enfants.
- Les détersifs pour lave-vaisselle contiennent du silicate de soude et du carbonate de soude. En cas de contact avec les yeux, les rincer immédiatement à grande eau. Téléphoner à un médecin ou à un centre de traitement antipoison.
- Ne pas modifier les commandes.
- Ne pas boire l'eau du meuble de lavage.

Au moment de remplir le lave-vaisselle :
– Mettre les articles pointus de manière à ce qu'ils n'endommagent pas le seau étanche de la porte.
– Mettre le tranchant des couteaux vers le bas afin d'éviter les risques de blessure.

Ne pas laver les articles en plastique à moins qu'ils n'indiquent ''Va au lave-vaisselle''. Vérifier les recommandations du fabricant pour les articles non étiquetés.

Ne pas abuser et ne pas vous asseoir ni vous tenir sur la porte ou sur les paniers du lave-vaisselle.

Enlever la porte et couper le cordon du lave-vaisselle avant de l'enlever aux déchets afin d'empêcher les enfants de se blesser ou de s'enfermer dans l'appareil par accident.

Dans certaines conditions, un système d'eau chaude qui n'a pas été utilisé pendant plus de deux semaines, peut dégager de l'azote. L'AZOTE EST EXPLOSIF. Si le système d'eau chaude n'a pas été utilisé pendant une telle période de temps, ouvrir tous les robinets d'eau chaude et laisser l'eau couler pendant plusieurs minutes avant d'utiliser le lave-vaisselle. Ceci dissipera tout l'azote accumulé. Ne pas fumer ni utiliser une flamme nue durant ce temps.

CONSERVER CES INSTRUCTIONS.

Disposal of the packing material

The cardboard box and packing material protects the appliance during shipping. These materials are biodegradable and recyclable, please recycle.

Disposal of an old machine

Before disposing of an appliance make sure that the machine has been made safe as outlined in the “Important Safety Instructions” by removing power cords and doors.

Energy saving washing

This dishwasher is exceptionally economical in the use of water and electricity. For best results follow these tips:

The dishwasher can internally heat water to the temperatures required by the wash program. This capability allows the option of connecting the machine to either a hot or cold water source.

- For lowest energy consumption and the gentlest washing of china and crystal, connect the dishwasher to a cold water source.
- For fastest possible wash times, yet higher energy consumption, connect the dishwasher to a hot water source.
- Make full use of the baskets without overloading for the most economical washing.
- For small loads:
  Select the “Top Solo” function (see “Additional features”).
- Choose a program that best suits the degree of soiling and the type of dishes being washed.
- If baskets are only half full, select the “Economy” program.
- Use the correct amounts of detergent and rinse aid.

Before using for the first time, please note the following points.

Setting the water softener

The water softener must be set to correspond to the water hardness in your area. This can be obtained from your local water company, or by using a test kit that can be purchased from the Miele Technical Service Department.

The salt reservoir must only be filled with water and salt. Never fill it with detergent.

Adding rinse aid

Inadvertently filling the rinse aid reservoir with detergent will damage the reservoir.

Only use detergents and rinse aids formulated for domestic dishwashers.

Choose the correct program

Different wash programs should be selected for different loads and different degrees of soiling. See the program chart for further program descriptions.

Add the correct amount of detergent

Generally, 1 ½ tablespoons (25 ml) of detergent is enough for most wash loads. Not enough or too much detergent can lead to poor wash results.

Cleaning results vary among detergent brands. If you are not satisfied with the wash results, try another brand of detergent.

Load dishes correctly

Load dishes so that water can reach all surfaces. Check that the spray arms are not blocked by items that are too tall for the baskets or hang through the bottom of the baskets. If necessary, manually rotate the spray arms to check clearance.

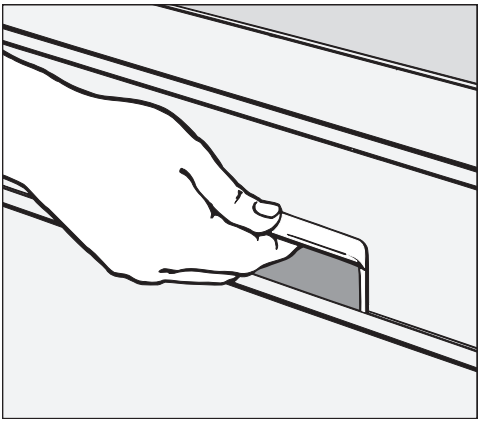
The combination filter in the base of the wash cabinet and the spray arms must be kept clean.

These should be regularly inspected and cleaned, if necessary.

See the corresponding sections for detailed information on the above points.

Every dishwasher is tested before leaving the factory. Any water remaining in the machine is from these tests and does not indicate that the machine has been used.

To open the door



- Press the release catch inside the door grip.

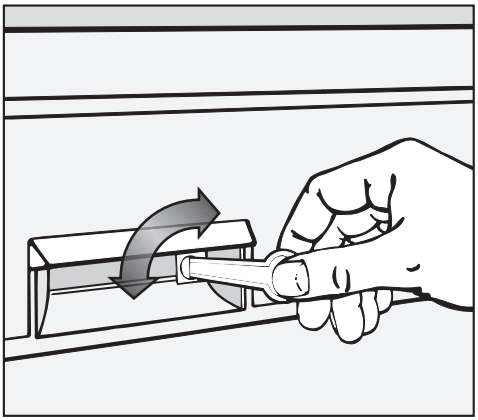
If the door is opened during operation, all functions will be interrupted.

To close the door

- Push the baskets in.
- Lift the door and push until it clicks into position.

Child Safety Lock

The yellow key for the Child Safety Lock is shipped on one of the spikes at the front of the upper basket. Remove the key before using the dishwasher.



The Child Safety Lock is designed to prevent children from opening the dishwasher.

- Use the provided key to lock or unlock the Child Safety Lock.

Horizontal =
the door is locked

Vertical =
the door can be opened

Water softener

To achieve good cleaning results, the dishwasher needs soft water. Hard water results in calcium deposits on dishware and in the dishwasher.
If your tap water hardness is above 8 gr/gal (values are in US gallons) (140 ppm), the water should be softened. This takes place automatically in the unit's integrated water softener.

– Your local water authority will be able to advise you of the water hardness level in your area.

– The dishwasher must be programmed to correspond to the water hardness in your area.

– The water softener must be filled with dishwasher salt for reactivation.

Where the water hardness fluctuates e.g. between 9 - 17 gr/gal (160 - 310 ppm), always program the machine to the higher value, 17 gr/gal (310 ppm) in this example.

If there is a fault, it will help the service technician to know the hardness of your local water supply.

■ Enter the water hardness:

_____ gr/gal (ppm)

Turning the water softener off

If your water is consistently soft (below 8 gr/gal) the salt reservoir should not be filled with salt and the water softener can be turned off completely. The LED will not light.

The setting cannot be changed during a running program. Change the setting at the end of a program or before starting one.

■ Close the door and turn the program selector to "Stop".

■ Turn the dishwasher off.

■ Press and hold the "Top Solo" button and turn the dishwasher on.

■ Release the "Top Solo" button and immediately press it two more times.

The "Intake/Drain" and "Salt" indicators flash.

■ Set the program selector to the 6-o'clock position.

■ Use the "Top Solo" button to to set the setting.

"Start" LED **OFF** = Water softener **ON**

"Start" LED **ON** = Water softener **OFF**

Programming and setting the water hardness level

Your water hardness must be programmed into the dishwasher using the buttons on the control panel. The water hardness selector in the wash cabinet is then also set to correspond to the water hardness level in your area.

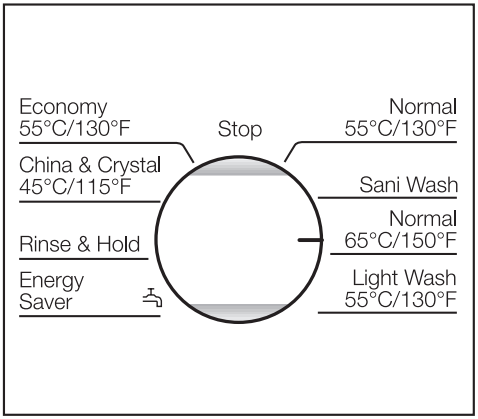
Programming the water hardness level

- Turn off the dishwasher
- Turn the program selector to “Stop”.

Hold the “Top Solo”-button in and and at the same time turn on the dishwasher with the “On/Off” button.Release the “Top Solo” button within 2 seconds.

The “Salt” indicator flashes.

Note:
If any other indicators flash the process must be repeated.
Except:
The “Rinse aid” indicator will light when the reservoir is empty and needs to be refilled.



- Turn the water hardness level selector to the corresponding setting (see table below).

gr/gal	ppm	Selector setting
1 - 5	20 - 90	Normal 55 °C/130 °F
6 - 8	110 - 140	Sani Wash
9 - 11	160 - 220	Normal 65 °C/150 °F
12 - 16	220 - 290	Light Wash 55 °C/130 °F
17 - 21	310 - 380	5 o’clock position
22 - 24	400 - 430	6 o’clock position
25 - 31	450- 560	7 o’clock position
32 - 70	580 -1260	Energy saver

The water hardness level is preset to 1 - 5 gr/gal (20 - 90 ppm).

Example:
If the water hardness level is 10 gr/gal select setting “Normal 65 °C/150 °F”.

- Press the “Top Solo” button.

The “Top Solo” indicator lights.

- Turn the program selector to “Stop”.
- Turn off the dishwasher.

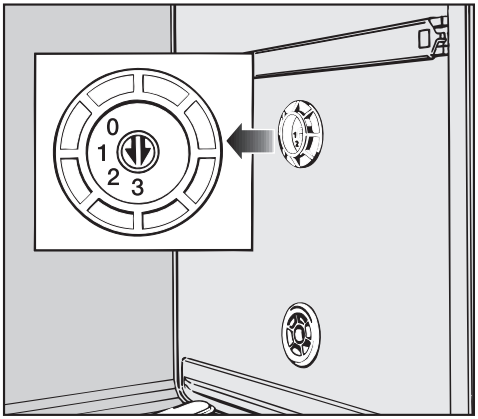
The water hardness level is now stored in the program memory.

Setting the water hardness selector in the wash cabinet

The water hardness level selector in the wash cabinet must be set according to the following table.

Selecting the correct setting will help minimize the effects of dishwashing on glass surfaces. Too high a setting will lead to poor cleaning results and an increase in water spots left on dishes and cutlery.

- Use a screwdriver to take the cover off the water hardness selector in the wash cabinet.



- Use a coin or screwdriver to adjust the water hardnesss selector in the wash cabinet. There is a click as each setting is reached.

gr/gal	ppm	Selector setting
1 - 8	20 - 140	3
9 - 11	160 - 200	2
12 - 16	220 - 290	1
17 - 70	310 -1260	0

The water hardness selector is preset to setting 3.

Example:
If the water hardness level is 9 gr/gal select setting 2 (9 - 11 gr/gal).

- Make sure the cover to the salt reservoir is returned.

Checking the programmed water hardness level

- Turn off the dishwasher.
- Turn the program selector to “Stop”.
- Hold the “Top Solo” button in and at the same time turn on the dishwasher with the “On/Off” button. Release the “Top Solo” button within 2 seconds.

The “Salt” indicator will flash.

Note:
If any other indicators light or flash the process must be repeated.
Exception:
If the “Rinse aid” indicator lights or flashes, rinse aid was never added or needs to be refilled.

- Turn the program selector past “Normal 55°C/ 130 °F” to “Energy Saver”.

The “Top Solo” indicator lights. The position of the program selector corresponds to the water hardness level (see table “Programming the water hardness level”).

- Turn the program selector to “Stop”.
- Turn off the dishwasher.

Filling the salt reservoir

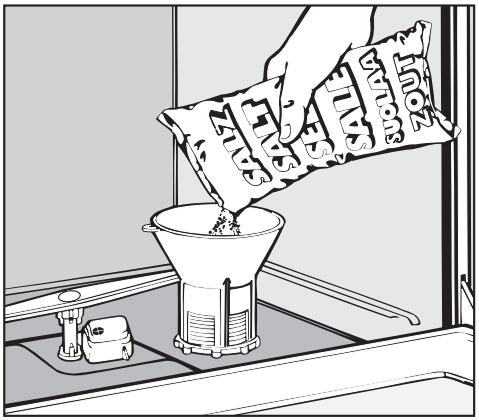
The salt reservoir should be filled before the first use and when ever the “Salt” indicator lights. Use only water softener reactivation salt (1 - 4 mm grain size); other salts may contain insoluble additives which can impair the functioning of the softener.

The salt reservoir holds approximately 2 lbs (1 kg) of salt.

Inadvertently filling the salt reservoir with dishwashing detergent will damage the water softener. Make sure that only water softener reactivation salt of the proper grain size is used.

To fill the salt reservoir:

- Remove the lower basket.
- Unscrew and remove the salt reservoir cap.



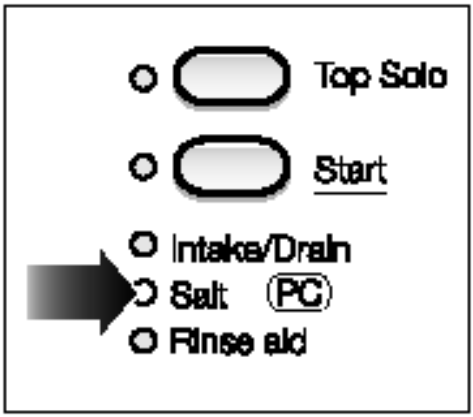
Before adding salt for the first time, fill the reservoir with approximately 1 quart (1 l) of water.

- Place the funnel provided over the salt reservoir.
- Carefully fill with salt, grain size of 1 - 4 mm. The salt reservoir holds approximately 2 lbs (1 kg) of salt depending of the brand used. As it is filled, water will run out.
- Clean any excess salt from the threads of the reservoir opening.
- Screw the cap on firmly.

If the dishwasher will not be used immediately after reactivation, run the “Rinse & Hold” program. This will remove any traces of salt from inside the wash cabinet.

Salt indicator

When the salt reservoir is empty, the "Salt-PC" indicator will light, indicating that it should be refilled with reactivation salt.



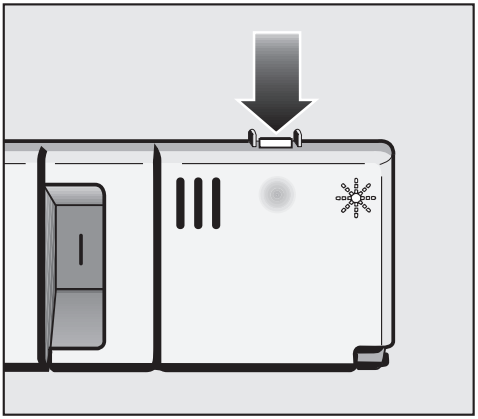
After the reservoir has been filled, the water softener is automatically reactivated the next time the dishwasher is started. The "Salt" indicator will be lit during this process.

Rinse aid

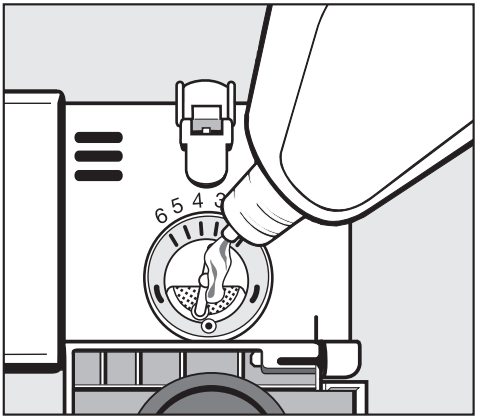
Rinse aid is recommended to prevent spotting on dishes and glassware that normally occurs during the drying cycle.

Filling the rinse aid reservoir with detergent will damage the reservoir. Only pour rinse aid formulated for residential dishwashers into the reservoir.

Adding rinse aid



- Add rinse aid before the first use and when ever the “Rinse aid” indicator lights.
- Press the button in the direction of the arrow until the flap springs open.



- Pour liquid rinse aid into the reservoir until it is visible on the surface of the screen. Do not refill until the “Rinse aid” indicator lights.

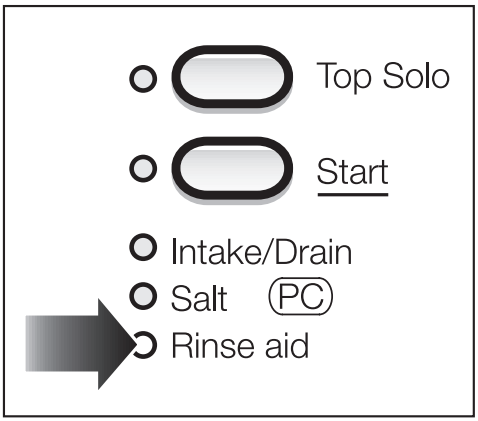
Only use rinse aid labeled for residential dishwashers. Inadvertently adding detergent to the rinse aid dispenser will damage the dispenser.

- Press on the flap until you hear it click shut. Failure to close it all the way will allow water to enter the reservoir during the wash program.
- Wipe up any spilled rinse aid.

The flap will remain closed during normal operation.

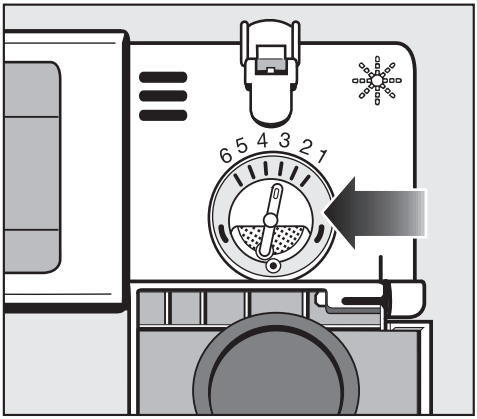
Rinse aid indicator

The rinse aid indicator on the control panel will light when the rinse aid reservoir needs refilling.



There will be enough rinse aid left for 2 - 3 washes after it first lights.

Setting the dosage



The dosage selector is preset to 3. This dispenses approximately 3 ml of rinse aid per program. It can be adjusted from 1 to 6, depending on your needs.

- Use a higher setting if spots appear on dry glassware.
- Use a lower setting if streaking appears on dishes or glasses.

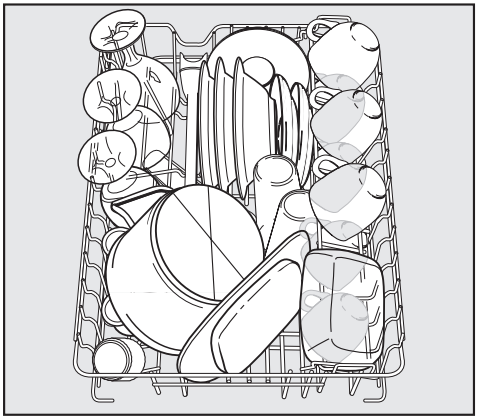
Do not wash items soiled with ash, wax, grease or paint in the dishwasher.
Ash does not dissolve and will be distributed through out the inside of the dishwasher. Wax, grease and paint will cause permanent discoloration or damage to the dishwasher.

- Scrape food from dishes before placing in the dishwasher but, do not rinse dishes.
- Load dishes so that water can reach all surfaces.
- Do not place dishes and cutlery inside other pieces where they may be hidden.
- Hollow items such as cups and glasses should be inverted and placed in the upper basket.
- Concave based items should be placed at an angle on top of the coffee bar, so that water does not pool.
- To ensure good water coverage tall, narrow, hollow pieces should be placed in the center of the basket, rather than in the corners.
- Small cups and glasses should be placed on the cup racks. Taller mugs and glasses can be placed underneath the rack.
- The spray arms must not be blocked by items that are too tall or hang through the baskets. Check clearance by manually rotating the spray arms.

Some food may contain natural dyes that can discolor plastics in the dishwasher (e.g. carrots, tomatoes, ketchup, etc.). The stability of plastic items are not affected by this discoloration.

Loading examples

Upper basket



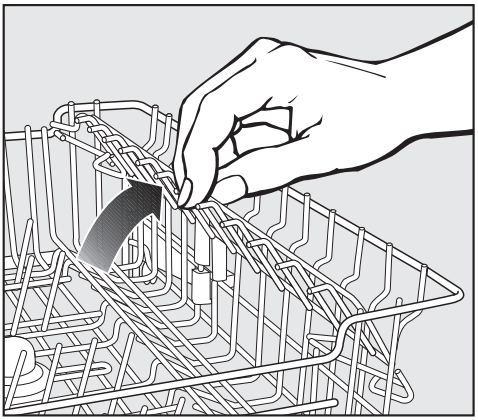
For small, lightweight, or delicate items like cups, saucers, glasses, and dessert plates. Flat pans can also be placed in the upper basket.

Using “Top Solo”

If “Top Solo” has been selected for use with a wash program, all items must be loaded into the upper basket and cutlery tray.

Lightly soiled plates can also be placed in the lower basket if they are spaced. Do not place dishes, pans or other hollow items in the lower basket when using “Top Solo”. See “Additional features”.

Adjustable cup rack



To make room for tall glasses raise the rack and lower it to double stack smaller pieces.

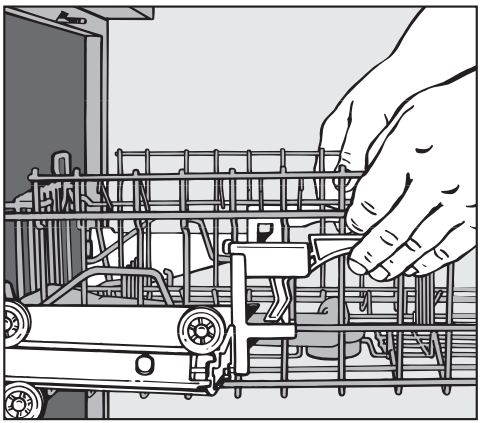
If the upper basket is set to the highest position, the adjustable cup rack cannot be raised.

Adjusting the upper basket

The upper basket height is adjustable. If tall items are being washed, more room can be created by raising or lowering the upper basket.

Do not set the angle to the extreme; one side at the highest setting and one side at the lowest. This will block the middle spray arm.

- Slide the upper basket out.

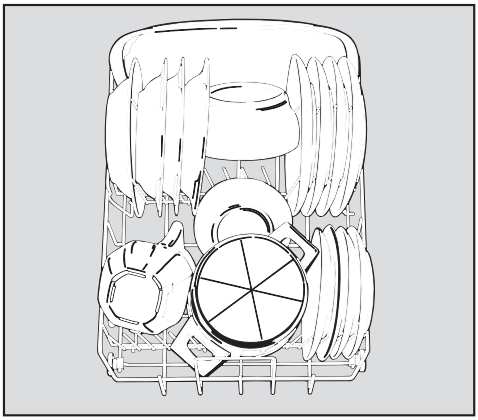


- Pull up the levers at the sides of the upper basket and adjust the basket height.
- Release the levers and the basket will lock in place.

Depending on the setting of the upper basket, the following plate dimensions can be accommodated:

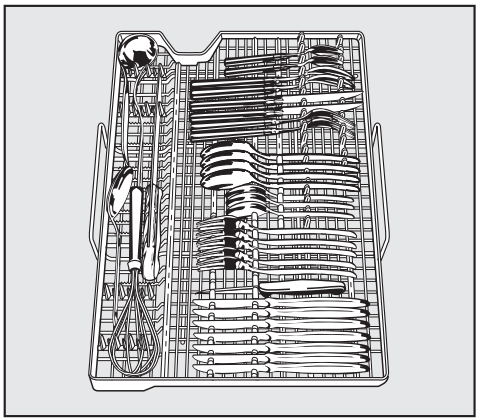
Upper Basket position	Plate diameter	
	Upper basket	Lower basket
Upper	7 3/4" 20 cm	11 ¾" 30 cm
Middle	8 1/2" 22 cm	11" 28 cm
Lower	9 3/8" 24 cm	10 ¼" 26 cm

Lower basket



For larger and heavier item such as plates, serving platters, saucepans, bowls, etc. Small items like saucers can also be placed in the lower basket.
Do not place thin , delicate glassware in the lower basket unless a special basket with glassware insert is installed.

Cutlery tray



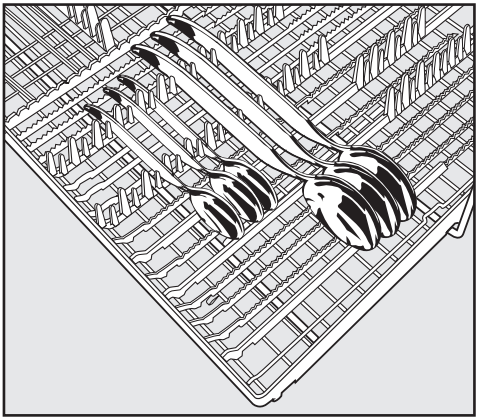
For best results cutlery should be grouped in zones, one for knives, one for forks, etc. making unloading easier.

Place the blades of knives and the tines of forks between the holders. Spoons should be placed in the opposite direction with the handle in the holder.

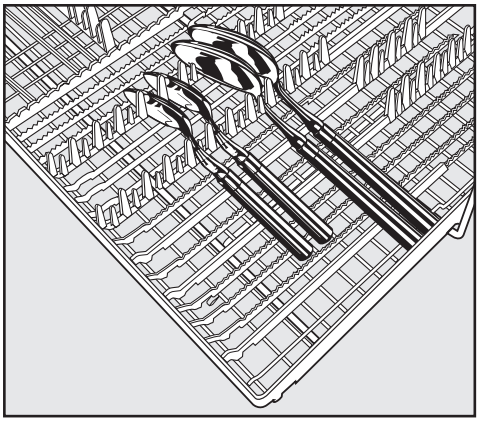
Longer items such as soup ladles, spatulas, mixing spoons and long knives should be placed lengthwise in the indentation in the middle of the cutlery tray.

The upper spray arm must not be blocked by large pieces.

The cutlery tray insert is removable.



Spoon heads should be placed in contact with the serrated retainers of the cutlery tray so water can run off.



If a spoon handle does not fit securely between the holders then place it like the forks and knives.

Do not cover the opening in the middle of the cutlery tray. Make sure that the upper spray arm can rotate freely after the tray is slid in; otherwise the rotation of the spray arms may be inadequate for a thorough cleaning.

Items not suitable for dishwashers:

– Cutlery with wooden handles.

– Wooden cutting boards.

– Glued items such as old knives with handles that are glued together around the shank of the blade.

– Hand made craft items, antique or decorative glassware.

– Copper, brass or tin.

– Plastic items that are not heat resistant.

Please note:

– Silver or aluminum items may tarnish.

– Silverware previously cleaned with a silver polish may be damp or spotted at the end of a program where water has adhered to the polish. This can be rubbed off with a soft, dry cloth. Silver that has been cleaned in an immersion dip is usually dry at the end of a program, but may tarnish.

– If let to dry, foods containing sulfur can discolor silver. These include egg yolk, onions, mayonnaise, mustard, legumes, fish, fish brine and marinades.

– Color painted over the glaze of dishes may fade over time.

– Clouding or etching may occur on glasses after frequent washing.

Miele recommends:

– Wash delicate glassware using the “Economy” program or the “China & Crystal” program to reduce the risk of clouding.

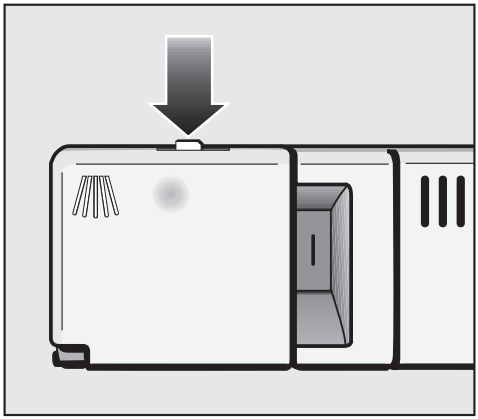
– There are no standard guidelines for washing glassware but, when in doubt wash by hand.

– When purchasing new dishes and cutlery, make sure they are dishwasher safe.

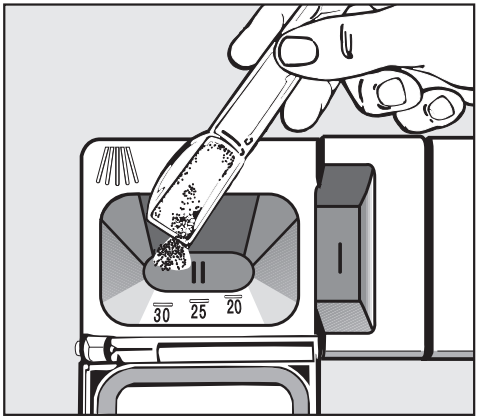
– If crystal or delicate glasses will be washed frequently, connect the dishwasher to cold, rather than hot water.

Adding detergent

Use only powdered detergents or tablets formulated for residential dishwashers. Do not use gels or liquid detergents.



- Press the latch on the detergent dispenser. The cover will spring open.



- Fill the dispenser with 1 ½ tablespoons (25 ml) of powder detergent, or place a detergent tablet into compartment II.
- Close the cover. The cover will always be open at the end of a wash program (except “Rinse & Hold”).

Generally, filling the dispenser with 1 ½ tablespoons (25 ml) of detergent is enough for a thorough cleaning. If dishes are extra dirty, or if food has dried on the dishes, a program containing a prewash cycle should be selected. Add an extra tablespoon (15 ml) of detergent to compartment I in the center of the dispenser, or place directly on the inner door panel.

Dishwasher detergents contain irritant and corrosive ingredients. They can cause burns in the mouth and throat if swallowed, or inhibit breathing. Keep children away from detergent and from the dishwasher when the door is open.

To prevent children from coming into contact with dishwasher detergent, do not fill the detergent dispenser until you are ready to run the dishwasher.

Capacities:
Compartment I (prewash) holds a maximum of 3/4 ounce (20 ml) and Compartment II (main wash) holds a maximum of 2 3/4 ounces (70 ml) when completely filled. The horizontal marks in Compartment II indicate levels of approximately 3/4, 1, and 1 1/4 ounces (20, 25 and 30 ml) respectively.

Program selection

Choose a wash program depending on the type of dishes and the degree of soiling.

In most cases the “Light Wash”, “Normal” or “Sani Wash” program will give excellent results.

Available programs and their applications are listed in the Program Chart. The “Top Solo” feature can be used with each of these programs.

For further information on “Top Solo”, see “Additional features”.

“Energy Saver” Program

Approximately 0.20 kWh of electricity is used during this cycle.

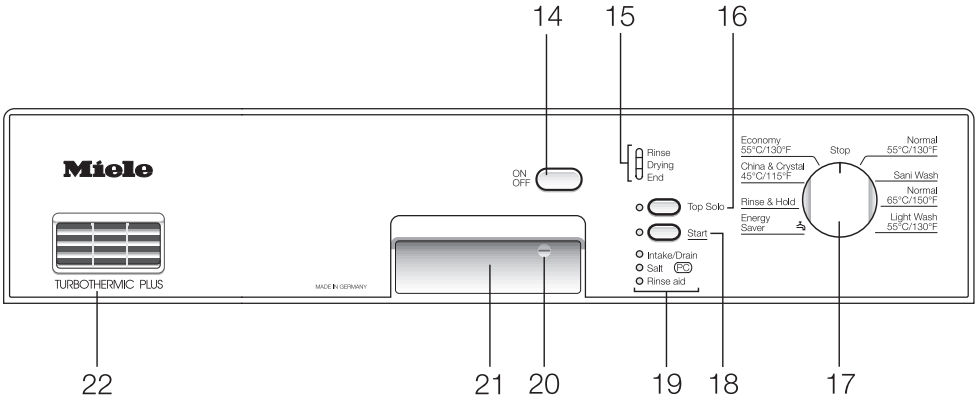
- Use this program for light to normally soiled dishes. The water is not heated in this program.

The dishwasher must be connected to hot water of at least 45 °C/115 °F for this program to clean well.

The drying result may not match that of a program with a full drying cycle.

The higher the temperature of the incoming water, the better the washing and drying results will be.

- Opening the door of the dishwasher 2-3 inches (5-6 mm) at the end of the program will speed drying.



Turning on the dishwasher

- Check that the spray arms are not blocked.
- Close the door.
- Open the water valve, if closed.
- Press the “On/Off” button (14).

The “Start” indicator lights (18).

Starting a program

- When selecting a program, refer to the program chart of this booklet.
- Turn the program selector (17) clockwise or counterclockwise to the desired program.
- “Top Solo” can be selected now (see “Additional features”).
- Press the “Start” button (18).

The program cycle begins. The “Start” indicator light (18) goes out and the “Rinse” indicator (15) lights.

Do not finish a program prematurely or important program steps (e. g. reactivating the water softener) could be omitted.

Program sequence indicator lights (15)

The “Rinse” indicator light comes on in the Prewash, Main wash, Interim rinse and Final rinse stages of a program.

The “Drying” indicator light comes on during the drying stage of a program.

The “End” indicator light comes on when the program has finished.

At the end of a program

A program has finished when the “End” indicator lights (15) in the program sequence display.

The dishwasher can now be opened and unloaded (see “Unloading the dishwasher”).

If the dishwasher is not opened, the fan will continue for a few minutes to remove any remaining moisture. This process is not part of the program.

Only open the door immediately after a program has ended if dishes or cutlery are urgently needed.

Turn off the dishwasher if another program is not going to be started immediately.

Turning off the dishwasher

At the end of a program:

- Turn the program selector (17) to “Stop”.

The “End” indicator light (15) goes out and the “Start” indicator (18) lights.

- Press the “On/Off” button (14).

The “Start” indicator light (18) goes out.

> The dishwasher continues to use electricity until turned off using the “On/Off” button.

If the dishwasher is not to be used for a long period of time, e. g. while on vacation, the water valve should be turned off.

Interrupting a program

A program is interrupted as soon as the door is opened.
If the door is closed again, the program will continue from the point it was at before the door was opened.

Warning:
Water in the dishwasher may be hot. There is a danger of being burned!
Only open the door if absolutely necessary and with caution. Before closing the door, leave it open for approximately 20 seconds. This will allow the temperature in the wash cabinet to settle. Close the door firmly until it clicks into place.

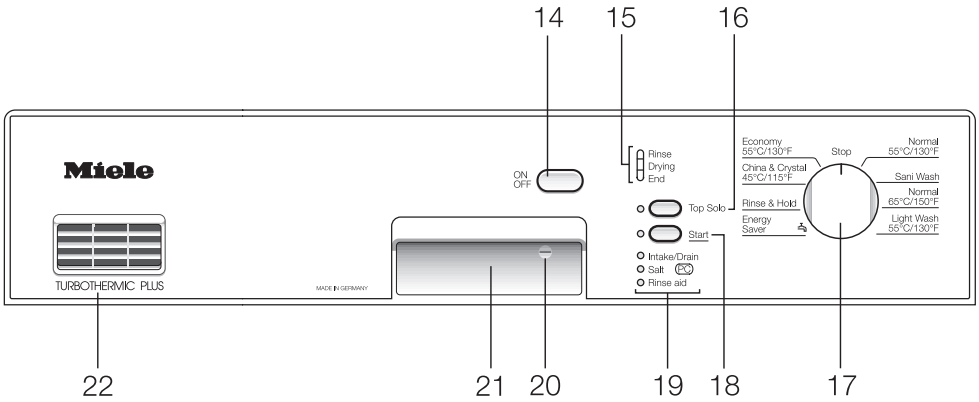
Changing a program

If a program has already started and you wish to change it proceed as follows:

- Turn the program selector (17) to the “Stop” position.
- Leave the program selector (17) in this position for at least one second.
- Then turn the program selector (17) to the program you wish to use.
- Press the “Start” button (18).

The program starts.

Additional features



“Top Solo” (16)

“Top Solo” is recommended when washing a small load. With this function most of the water is directed only to the top and middle spray arms of the dishwasher. This means that the water jets are aimed at items in the upper basket and the cutlery tray if the dishwasher has one.

The middle spray arm also directs water downwards so lightly soiled plates can be placed in the bottom basket, and cutlery may be placed in the cutlery basket if there are large spaces between pieces.
Do not place dishes, bowls or other hollow containers in the bottom basket.

Because a smaller load is being washed the amount of detergent recommended can be reduced to approximately 2/3 of the amount for a full load. When using less detergent make sure that the cleaning results are not affected.

Using “Top Solo” saves water and energy.
For example, using this feature with the “Economy 55 °C/130 °F” program uses only 10 quarts (10 l) of water and approximately 0.6 kWh of electricity.

“Top Solo” can be selected with all programs.

- Turn the dishwasher on using the “On/Off” button (14).

The “Start” indicator light (18) will come on.

- Turn the program selector (17) clockwise or counterclockwise to the selected program.
- Press the “Top Solo” button (16).

The “Top Solo” indicator lights (16).

- Press the “Start” button (18).

The program begins. The “Start” indicator light goes out and the “Rinse” and “Top Solo” indicator lights come on.

The additional feature is deleted from the program memory at the end of the program cycle.

Unloading the dishwasher

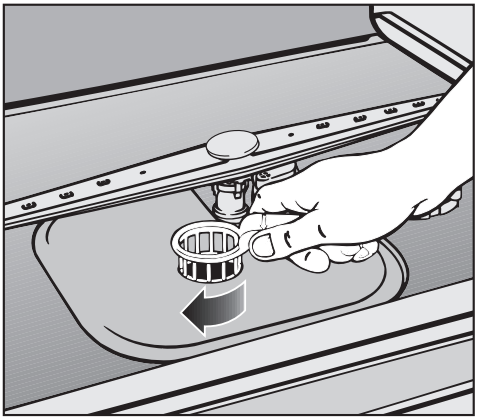
- Dishes tend to break and chip more easily when hot. Let dishes cool until they are comfortable enough to handle before unloading.
- Dishes will cool much faster if the dishwasher door is opened a few inches after a program has finished.
- First unload the lower basket, then the upper basket and cutlery tray. This will prevent water drops from the upper basket and cutlery tray from falling on dishes in the lower basket.

Cleaning the filters in the wash cabinet

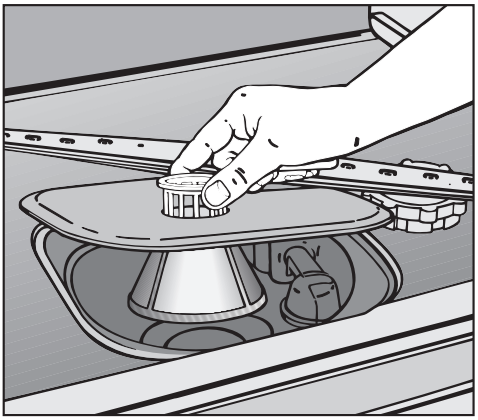
The combination filter in the base of the wash cabinet should be regularly inspected and cleaned, every 4 - 6 months. Any broken glass or dishware should be removed immediately.

Use caution when cleaning the filters, non-return valve or drain pump; glass or bone splinters may be caught in the bottom of the wash cabinet.

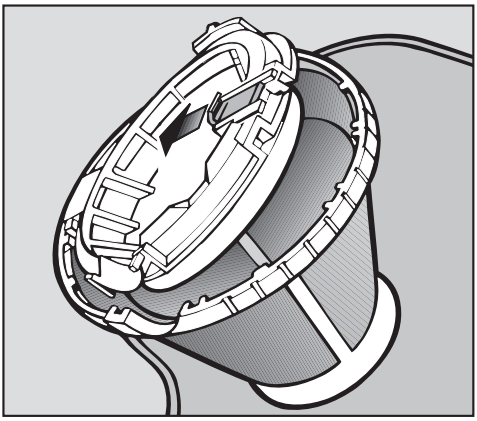
- Turn off the dishwasher.



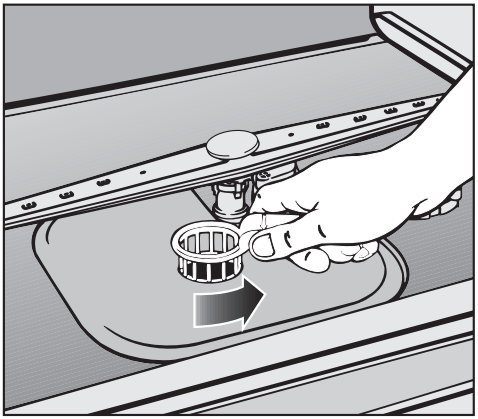
- Turn the handle counterclockwise to release the filters.



- Lift the combination filter out of the machine. Remove any coarse particles and rinse under running water. A nylon brush can be used.



- Turn the combination filter over and open the coarse filter cover by pulling back on the locking tab.
- After cleaning, make sure that the coarse filter cover is properly locked in place.



- Return the combination filter so that it lies flat in the base of the dishwasher. Secure it by turning the handle clockwise.

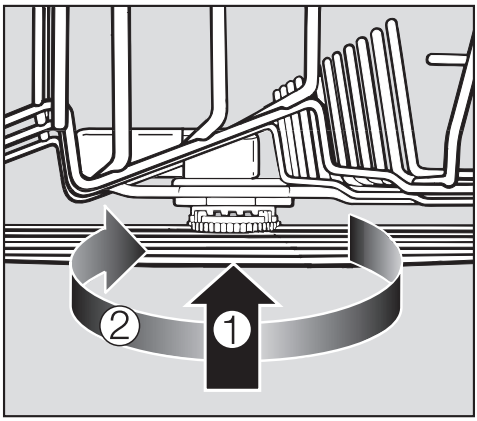
Cleaning the spray arms

Sometimes particles of food get stuck in the spray arm jets. The spray arms should be inspected and cleaned every 4 - 6 months.

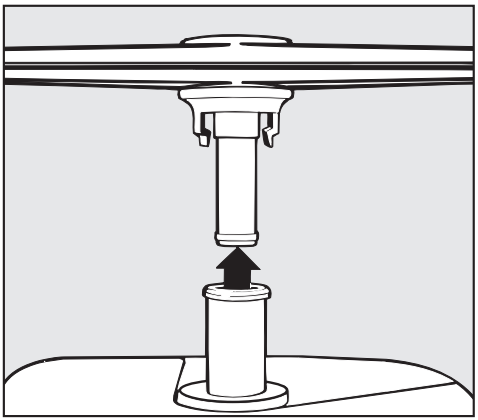
- Turn off the dishwasher.

Remove the spray arms as follows:

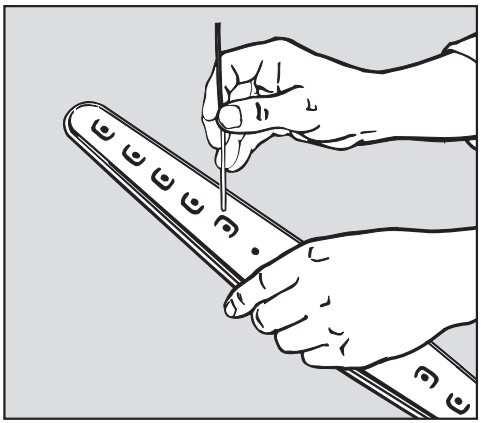
- Take out the cutlery tray.
- Press the top spray arm upwards to engage the inner ratchet and unscrew the spray arm.



- Lift up the middle spray arm ①, to engage the ratchet and unscrew the spray arm ②.
- Remove the lower basket.



- Pull the lower spray arm firmly upwards to remove.



- Use a pointed object such as a toothpick to push food particles into the spray arm jets.
- Rinse thoroughly under running water.
- Return the spray arms and check that they rotate freely.

Cleaning the wash cabinet

Generally, the wash cabinet is self cleaning, provided that the correct amount of dishwasher detergent is used.

If lime scale or grease deposits form, they can be removed with a dishwasher cleaner.

Cleaning the door and the door seal

- Wipe the door seal with a damp cloth to remove any food particles.
- Food residue and spilt liquids should be wiped from the sides of the dishwasher door. These are outside of the wash cabinet and are not cleaned by water from the spray arms.

Cleaning the control panel

- Clean the control panel with a damp cloth and mild detergent.

Do not use abrasive, all purpose, or glass cleaners, they may damage plastic surfaces.

Cleaning the door panel

- Plastic laminate panels should be cleaned using a non-abrasive cleaner, or mild soapy water.
- Panels made from wood should be cleaned using a soft damp cloth and an appropriate wood cleaner.

Problem solving guide

With the aid of the following guide, minor problems can be corrected without a service call.

Any work required on the electrical components of the appliance should only be performed by a qualified and trained person in accordance with local and national regulations. Unauthorized repairs could be dangerous.

Problem	Possible cause	Remedy
The “Start” indicator does not light after pressing the On/Off button.	The door is not closed tightly.	Close the door completely.
	The machine is not plugged in.	Insert the plug.
	The circuit breaker is defective or has “tripped”.	Reset the circuit breaker.
The “Start” indicator light is on, but the dishwasher is not running.	The program selector is in the “Stop” position.	– Turn the program selector to the desired program. – Press the “Start” button.
The dishwasher stops during a program	The circuit breaker has “tripped”.	Reset the circuit breaker.
The “Intake/Drain” indicator lights during the “Energy Saver” program.	The water entering the machine is not at the minimum temperature of 45 °C/115 °F.	– Restart the program. – If the indicator lights again, select a different program.

Problem	Possible cause	Remedy
The “Intake/Drain” indicator light flashes, and the program stops.		Before searching for the problem: – Turn the program selector to “Stop”. – Turn the dishwasher off using the “On/Off” button.
	Not enough water is entering the machine.	– Open the water valve completely. – Check the intake filter and clean if necessary; see “Cleaning the intake filter”. – Check the water level and increase the intake time if necessary; see “Checking the water level”.
	Drainage is restricted - water remains in the dishwasher at the end of a program.	– Check for kinks in the drain hose. – Clean the drain pump and non-return valve; see “Cleaning the drain pump and non-return valve”. – Clean the combination filter; see “Cleaning the dishwasher filters”.

Problem solving guide

Problem	Possible cause	Remedy
The “End”, “Start” and “Top Solo” indicators flash simultaneously.	A service call may be needed.	– Turn the program selector to “Stop”. – Turn off the dishwasher using the “On/Off” button. After 5 seconds: – Turn the dishwasher back on. – Turn the program selector to the desired program. – Press the “Start” button. If the indicator lights flash again: – Call the Miele Technical Service Dept.
Knocking noise from within the dishwasher.	The spray arm is hitting an item in the basket.	Interrupt the program and rearrange items obstructing the spray arms.
Rattling from within the dishwasher.	The dishes are moving around inside the dishwasher.	Interrupt the program and secure the items inside.
A whistling noise is heard during the program	The circulation pump seal sometimes makes a whistling noise. This may be caused by the detergent.	This is not a problem. Try other detergents. Consult the Miele Technical Service Department if the noise is persistent.
Knocking noise in the water pipes	This may be caused by the installation or the or the piping.	This has no affect on dishwasher. If in doubt contact a plumber.

Problem	Possible cause	Remedy
The dishes are not clean.	The dishes were not loaded correctly. – Were the dishes placed inside of each other? – Could water reach all surfaces?	See “Loading the dishwasher”.
	The water feed for the middle spray arm was covered.	Make sure that dishes placed at the rear of the upper basket do not cover the water feed tube.
	Not enough detergent was used.	Use more detergent; see “Adding detergent”.
	The program selected was not intensive enough.	Select a more intensive program; see the “Program chart” for guidelines.
	The spray arm jets are clogged.	Clean the spray arms; see “Cleaning the spray arms”.
	The combination filter inside the dishwasher is clogged or not seated correctly.	Clean and/or reseat the filter. See “Cleaning and care”.
	The drain pump or non-return valve may be blocked.	See “Cleaning the drain pump and non-return valve”.
	Not enough water may be entering the dishwasher.	See “Checking the water level”, increase the water intake time if needed.

Problem solving guide

Problem	Possible cause	Remedy
Tea, coffee, or lipstick stains have not been removed.	The selected wash temperature was too low.	Select a program with a higher wash temperature.
	Old or non-chlorinated detergent was used.	Use fresh detergent containing chlorine.
Plastic items are discolored.	Natural dyes from carrots, tomatoes or ketchup may be the cause. The amount or type of detergent used was not sufficient to deal with these dyes.	Use an adequate amount of detergent containing chlorine. See “Adding detergent”.
White residue is visible on cutlery and dishes, and clouding is evident on glasses; the residue can be wiped off.	Not enough rinse aid was dispensed.	See “Adding rinse aid” to increase the dosage.
	There is no salt in the reservoir.	The “Salt - PC” indicator is lit. See “Filling the salt reservoir”.
	The water softener is set too low.	Adjust to a higher setting; see “Before using the first time”.
	The salt reservoir cap is not screwed on properly.	Screw the cap on firmly.
	Phosphate-free detergent was used.	Try a detergent containing phosphates.
The dishes are not dry or there is streaking on glasses and cutlery	Not enough rinse aid was dispensed or the rinse aid reservoir is empty.	Increase the dosage or add rinse aid; see “Adding rinse aid”.
	The dishes were unloaded too soon.	Allow dishes to cool before unloading them; see “Unloading the dishes”.
Glasses are dull and discolored and the film can not be wiped off.	Glasses are not dishwasher safe.	This is permanent and cannot be reversed. Always use dishwasher safe glasses.

Problem	Possible cause	Remedy
There are smears on glasses and cutlery, or a bluish sheen on the surface of glasses. The film can be wiped off by hand.	The rinse aid dosage is too high.	Reduce the dosage setting. See “Adding rinse aid”.
There are rust stains on cutlery.	Cutlery is not corrosion resistant or the surface of the cutlery is scratched or pitted.	There is no remedy. Always purchase dishwasher safe cutlery.
The detergent dispenser lid can not be closed.	Detergent residue may be blocking the latch.	Remove the residue.
Detergent remains in the dispenser at the end of a program.	The dispenser was damp when detergent was added.	Make sure the dispenser is dry before adding detergent.
Water remains inside of the dishwasher at the end of a program.		Before looking for the problem: – Turn the program selector to “Stop”. – Turn off the dishwasher using the “On/Off” button.
	The drain hose is kinked.	Remove the kink.
	The drain pump or the non-return valve may be blocked.	See “Cleaning the drain pump and non-return valve”.
	The combination filter in the dishwasher is clogged.	See “Cleaning and care”.

Cleaning the water intake filter

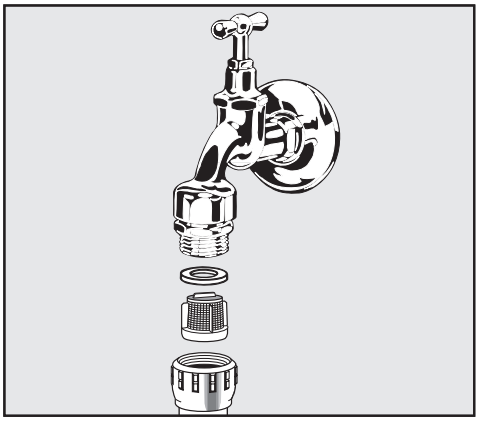
A filter is incorporated in the intake hose attached to the dishwasher's shut-off valve. If your water is hard, or the pipes contain sediment; this filter may clog and prevent enough water from entering the wash cabinet. It can be cleaned as follows:

The plastic valve housing on the intake hose contains electrical components and should not be immersed, or run through water.

Cleaning the filter:

Disconnect the dishwasher from electricity (unplug it or "trip" the circuit breaker).

- Turn off the main shutoff valve and unscrew the intake hose.
- Carefully remove the rubber seal.
- Remove the filter using needle nose pliers and rinse under running water.



- Return the filter and seal. Make sure they are seated correctly.
- Screw the intake hose back on the water valve, checking that it is not cross-threaded.
- Slowly turn on the valve and test for leaks.

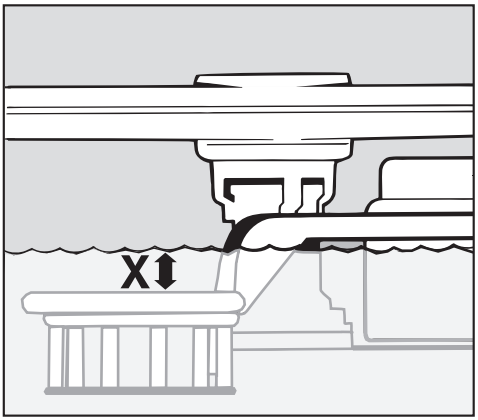
Installing an in-line water filter

- If your water contains a large number of insoluble substances, a filter between the valve and the intake hose connection is recommended. These filters can be purchased from the Miele Technical Service Department.

Checking the water level

If the water pressure is less than 15 psi, not enough water will flow into the wash cabinet.

- To check the water level, open the water valve completely and run the “Rinse & Hold” program once (without dishes), to bring water into the system.
- Run the “Rinse & Hold” program again. After approximately 3 minutes, open the door and remove the lower basket from the machine.



The water level is correct when dimension “**X**” is at least 1/8" (4 mm).

- If it measures less, the water intake time must be increased (see the following page).

Increasing the water intake time

To increase the water intake time, proceed as follows:

- Turn off the dishwasher using the ”On/Off” button.
- Turn the program selector to “Stop”.
- Press the “Top Solo” button while simultaneously turning the machine “On”. Release the “Top Solo” button within 2 seconds. The “Salt - PC” indicator light should blink.

If any other lights are blinking, repeat the process.

- Turn the program selector to “Economy 55 °C/130 °F”.

– If the “Top Solo” indicator does not light, the water intake time is set to normal.

– If the “Top Solo” indicator lights, the increased water intake time is set.

- To change the setting, press the “Top Solo” button.

The “Top Solo” indicator light will illuminate or go out each time the button is pressed.

- Turn the program selector to “Stop”.
- Turn off the dishwasher.

The modified intake time is now stored.

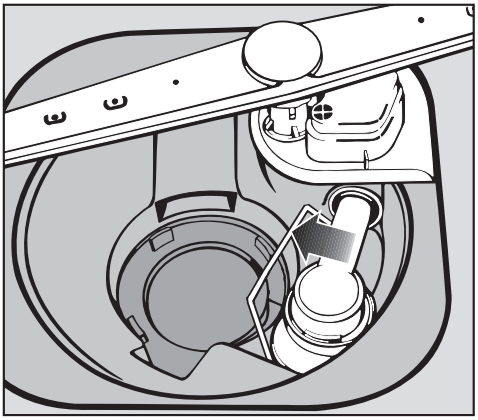
Cleaning the drain pump and non-return valve

Use caution when cleaning the filters, non-return valve or drain pump; glass or bone splinters may be caught in the bottom of the wash cabinet.

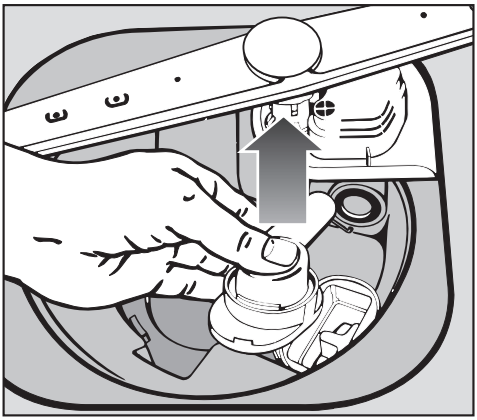
If the dishwasher is not completely drained at the end of a program, the drain pump or non-return valve may be blocked.

To clean them:

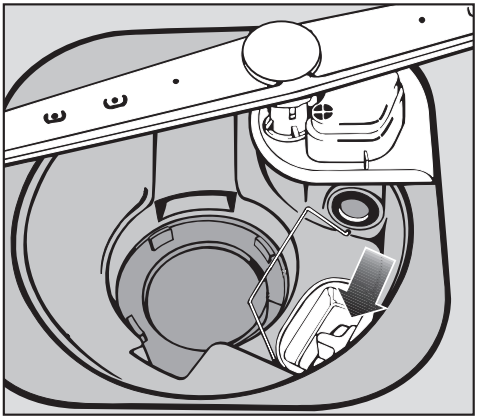
- Remove the combination filter.
- Use a jug or bowl to scoop water out of the wash cabinet.



- Tilt the locking clamp to the side.



- Pull out the non-return valve.
- Rinse the non-return valve under running water.



The drain pump is situated under the non-return valve (see arrow).

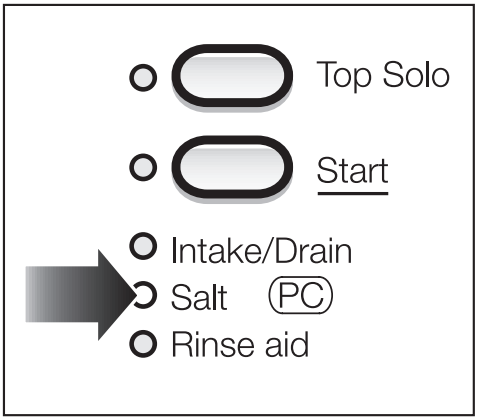
- Before returning the non-return valve, check to make sure that the drain pump is not obstructed. Spin the propeller several times in both directions; it should turn smoothly.
- Carefully refit the non-return valve and secure it with the locking clamp.
- Refit and secure the combination filter.

If you are unable to resolve a problem or if the appliance is under warranty, please contact your Miele Dealer or the Miele Technical Service Department. (See back cover for telephone numbers).

Please have the model and serial number of the appliance available. These can be found on the data plate on the upper inside edge of the dishwasher door.

Program update function - PC

The “PC” indicator has the function of Program Correction (PC). This allows a technician to update the programming of the dishwasher to make use of new technological developments.



For example, if a detergent that gives good wash results using only cold water were to become available, the wash programs can be modified to take advantage of this.

Special accessories

To make the most of your dishwasher

If you would like...	then you need...
...to wash bottles, e. g. milk or baby bottles	... a bottle holder
... to wash long stemmed glassware	... a glassware insert for the upper basket

To transport the dishwasher, e.g. when moving to a new home, note the following:

– Empty the dishwasher,

– Secure any loose parts, e. g. hoses, cables, cutlery baskets.

– Transport the dishwasher in the upright position.
If unavoidable it may be transported on its back.
Do not transport it on its side or on the door because residual water in the machine will leak. This residual water could get into the electronic unit and cause damage.

Program chart

Program	When to use	Detergent		
		chlorine free [1]	**containing chlorine** [2]	
		Compartment II (Wash cycle)	Compartment I (Pre-wash)	Compartment II (Wash cycle)
Normal [3] 55 °C/130 °F	for **normal** everyday loads	100 %	20 %	80 %
Sani Wash	as Normal 55 °C/130 °F, but with longer wash time for **heavily soiled** dishes, also suitable for chlorine free detergents	100 %	20 %	80 %
Normal 65 °C/150 °F	as Normal 55 °C/130 °F, but at a higher temperature for **stubborn dried on food**	100%	20 %	80 %
Light Wash 55 °C/130 °F	for **normal** everyday loads, particularly suitable for chlorine free detergents	100 %		100 %
Economy 55 °C/115 °F	for **normal** everyday loads, particularly energy saving program	100 %		100 %
Special Program				
China & Crystal 45 °C/115 °F	"Gentle program", for **lightly soiled** and **heat sensitive** tableware.	50 %		50 %
Rinse & Hold	For rinsing dishes when a complete cycle is not needed.			
Energy Saver	for **lightly to normally soiled** dishware only select Energy Saver if the dishwasher is connected to a hot water supply (min. temperature 45 °C/115 °F). - see "Choosing a program"	100 %	20 %	80 %

The dispensing method will depend on the type of detergent being used.

1) Use this ratio for:
   – detergent which is chlorine and phosphate free
   – detergent which is chlorine free but contains phosphates
   In this instance the whole amount is placed in compartment II.
2) Use this ratio for:
   – powder detergent which contains chlorine and phosphates
   Divide the total amount, as shown, between compartment I and compartment II.

When washing a full load in the Normal program, the Sani Wash program, the Light Wash program or the Economy program use at least 1 ½ tablespoons (25 ml) of detergent .

Program cycle						Usage			Duration	
						Electric (kWh)			Minutes (approx.)	
1. Preliminary pre-wash	2. Pre-wash	Main wash	Interim rinse	Final rinse	Drying	Cold water connection (10 °C/ 50 °F)	Hot water connection (49 °C/ 120 °F)	Liters/ Gallons	Cold water connection (10 °C/ 50 °F)	Hot water connection (49 °C/ 120 °F)
X	X	X 55 °C/ 130°F	X	X 65 °C/ 150°F	X	1.46	0.8	21 / 5.5	143	106
	X	X 65 °C/ 150°F	X	X 75 °C/ 170°F	X	2.3	1.42	17 / 4.5	182	143
X	X	X 65 °C/ 150°F	X	X 65 °C/ 150°F	X	1.64	1.0	21 / 5.5	150	106
		X 55 °C/ 130°F	X	X 65 °C/ 150°F	X	1.46	1.0	13 / 3.4	122	103
		X 55 °C/ 130°F	X	X 55 °C/ 130°F	X	1.25	0.65	13 / 3.4	112	84
	X	X 45 °C/ 115°f	X	X 55 °C/ 130°F	X	1.00	0.48	17 / 4.5	89	65
	X					0.06	0.06	5 / 1.3	11	11
X	X	X	X	X	X		0.1	21 / 5.5		63

If “Top Solo” is selected, the appropriate amount of detergent according to the level of soiling should be added to compartment II only (approx. 2/3 of the total amount required for a full load).

3) Standard program for comparison tests

Technical data

Series designation HG02

Height	33 1/16" (84 cm [adj. + 2" /5.0 cm])
Width	17 1/2" (44.8 cm)
Width of cabinet opening	17 3/4" (45 cm)
Depth	22 7/16" (57 cm)
Depth with door open	47 7/16" (120.5 cm)
Weight	Approx.108 lbs/49 kg
Voltage	110/120 V AC
Rated load	12.5 A / 1500 W
Fuse rating	15 A
Water pressure	15 - 150 psi
Water connection	max. 140 °F (60 °C)
Drain height	max. 39" (1 m)
Drainage length	max. 13" (4 m)
Connection cable	approx. 66" (1.7 m)
Capacity	9 complete place settings

When contacting the Technical Service, please quote the model and serial number of your appliance.

Miele

Miele, Inc. (USA)

National Headquarters
9 Independence Way
Princeton, NJ 08540
Phone: 800-843-7231
609-419-9898
Fax: 609-419-4298
www.miele.com

Technical Service & Support Nationwide
Phone: 800-999-1360
Fax: 888-586-8056

Miele Limited (CDN)

National Headquarters
55G East Beaver Creek Road
Richmond Hill, ON L4B 1E5
Phone: 800-643-5381
905-707-1171
Fax: 905-707-0177
www.miele.ca
info@miele.ca (general enquiries)
professional@miele.ca (commercial enquiries)

Mielecare National Service
Phone: 800-565-6435
905-850-7456
Fax: 905-850-6651
service@miele.ca (Tech. Service)

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